

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110221\  
 Data File : VX025042.D  
 Acq On : 02 Nov 2021 11:13  
 Operator : JC/MD  
 Sample : VX1102WBL02  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 03 00:54:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 03 00:53:58 2021  
 Response via : Initial Calibration

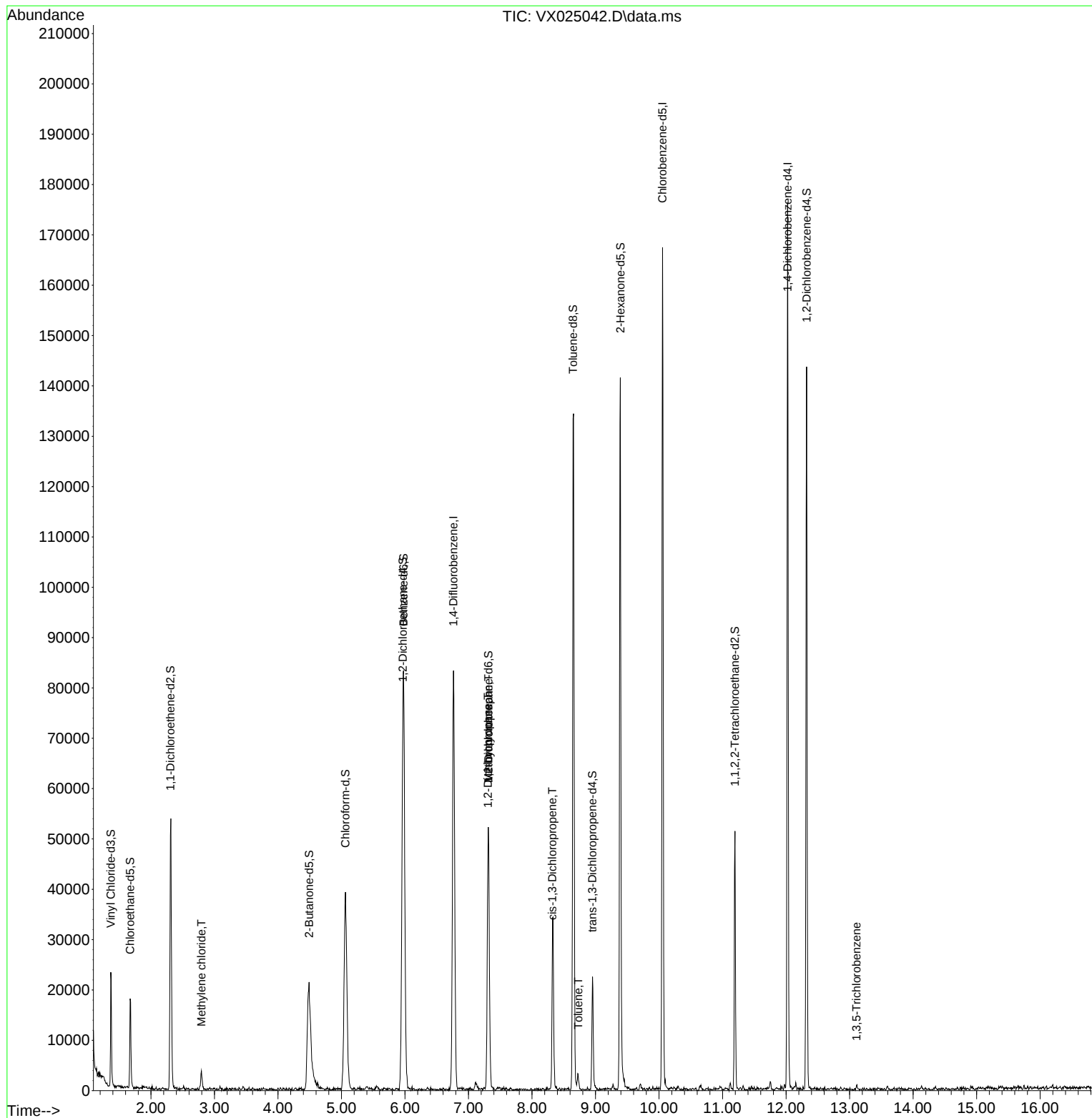
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114   | 77997    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117   | 69901    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 31963    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65    | 14723    | 6.430    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 128.600% |
| 7) Chloroethane-d5            | 1.672  | 69    | 12393    | 6.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 120.200% |
| 11) 1,1-Dichloroethene-d2     | 2.307  | 63    | 31869    | 3.734    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 74.600%  |
| 20) 2-Butanone-d5             | 4.489  | 46    | 50507    | 60.330   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 120.660% |
| 24) Chloroform-d              | 5.062  | 84    | 51659    | 4.686    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65    | 28088    | 4.662    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.200%  |
| 32) Benzene-d6                | 5.977  | 84    | 82178    | 5.046    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.000% |
| 36) 1,2-Dichloropropane-d6    | 7.312  | 67    | 26092    | 5.021    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 100.400% |
| 41) Toluene-d8                | 8.647  | 98    | 80415    | 4.924    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.400%  |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79    | 11332    | 4.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.000%  |
| 46) 2-Hexanone-d5             | 9.391  | 63    | 43146    | 50.265   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 100.540% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84    | 18915    | 4.763    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152   | 26850    | 4.985    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.600%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 16) Methylene chloride        | 2.794  | 84    | 1469     | 0.264    | ug/L # | 75       |
| 35) Methylcyclohexane         | 7.312  | 83    | 6824     | 0.734    | ug/L # | 22       |
| 37) 1,2-Dichloropropane       | 7.306  | 63    | 3377     | 0.676    | ug/L # | 90       |
| 39) cis-1,3-Dichloropropene   | 8.318  | 75    | 955      | 0.113    | ug/L   | 86       |
| 42) Toluene                   | 8.726  | 91    | 1849     | 0.077    | ug/L # | 61       |
| 69) 1,3,5-Trichlorobenzene    | 13.109 | 180   | 391      | 0.048    | ug/L # | 61       |
| -----                         |        |       |          |          |        |          |

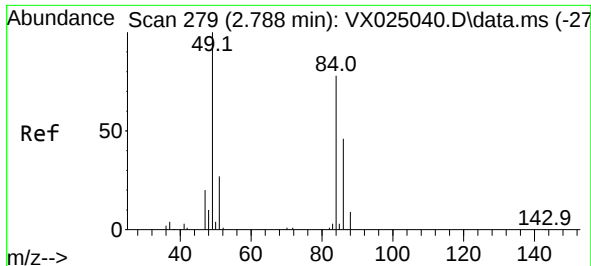
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110221\  
Data File : VX025042.D  
Acq On : 02 Nov 2021 11:13  
Operator : JC/MD  
Sample : VX1102WBL02  
Misc : 25.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Nov 03 00:54:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 03 00:53:58 2021  
Response via : Initial Calibration

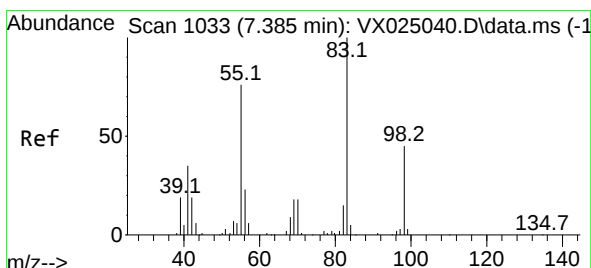
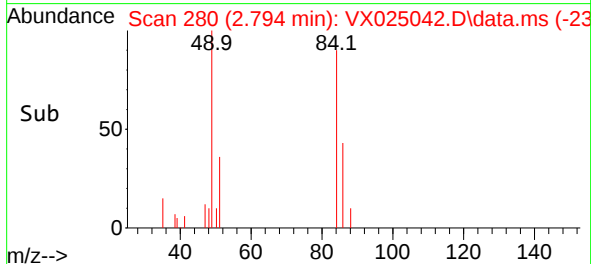
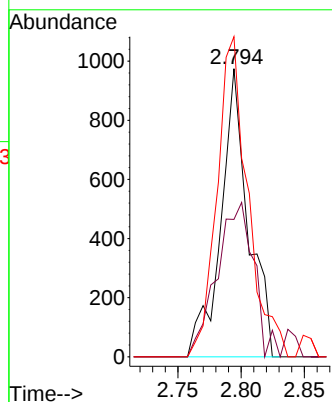
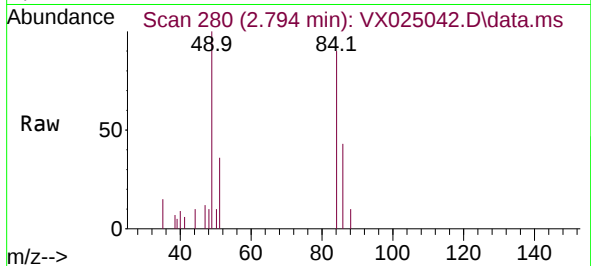




#16  
Methylene chloride  
Concen: 0.264 ug/L  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX025042.D  
Acq: 02 Nov 2021 11:13

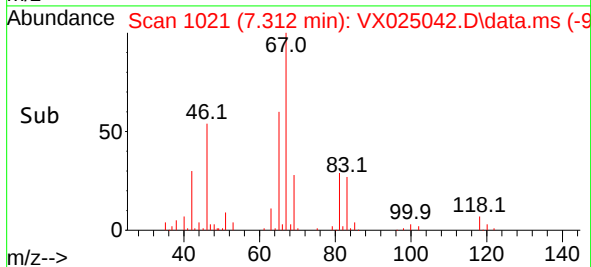
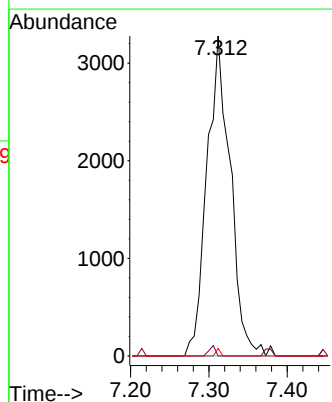
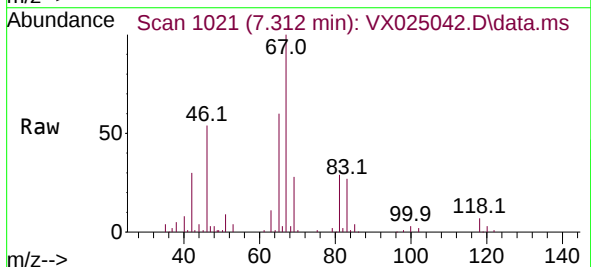
Instrument :  
MSVOA\_X  
ClientSampleId :

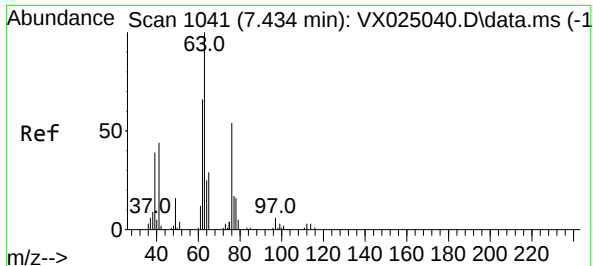
Tgt Ion: 84 Resp: 1469  
Ion Ratio Lower Upper  
84 100  
86 47.7 49.5 91.9#  
49 111.1 62.7 116.5



#35  
Methylcyclohexane  
Concen: 0.734 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.073 min  
Lab File: VX025042.D  
Acq: 02 Nov 2021 11:13

Tgt Ion: 83 Resp: 6824  
Ion Ratio Lower Upper  
83 100  
55 0.8 55.7 83.5#  
98 0.4 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.676 ug/L

RT: 7.306 min Scan# 1186

Delta R.T. -0.128 min

Lab File: VX025042.D

Acq: 02 Nov 2021 11:13

Instrument :

MSVOA\_X

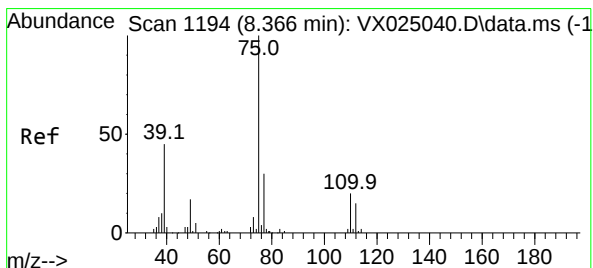
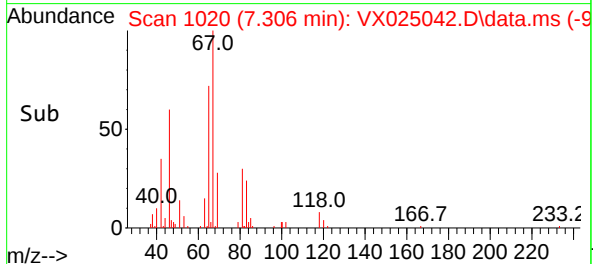
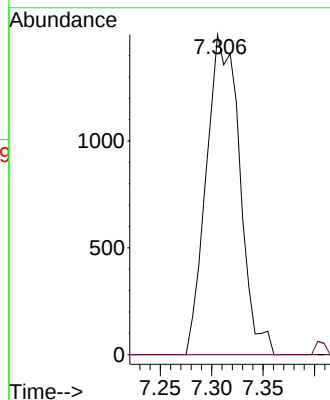
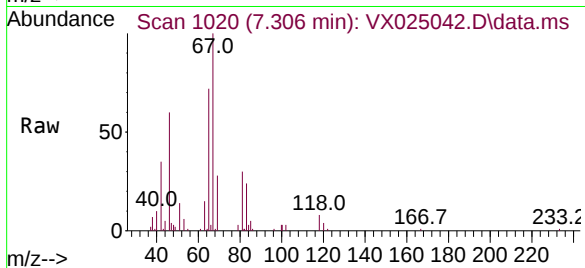
ClientSampleId :

Tgt Ion: 63 Resp: 3377

Ion Ratio Lower Upper

63 100

112 1.2 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 8.318 min Scan# 1186

Delta R.T. -0.049 min

Lab File: VX025042.D

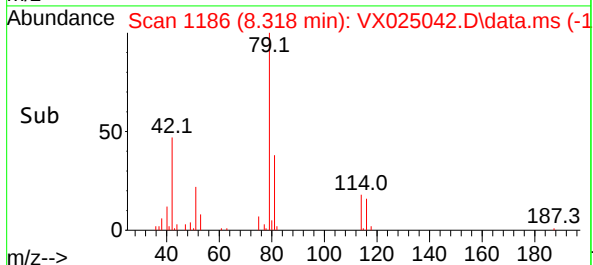
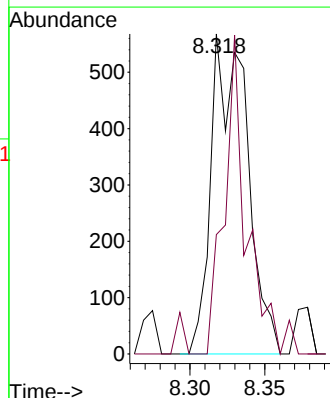
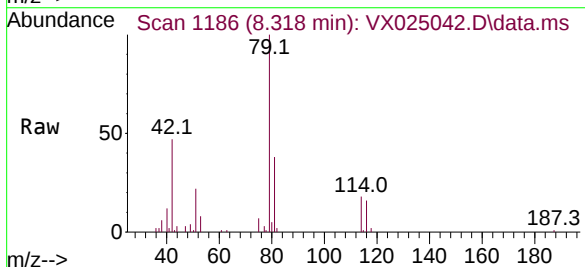
Acq: 02 Nov 2021 11:13

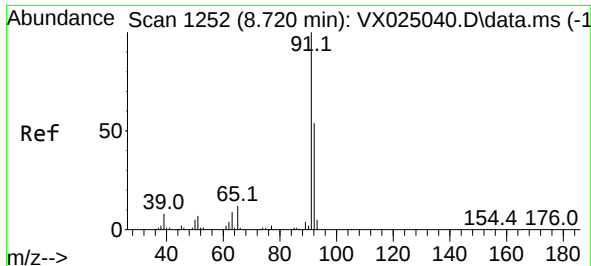
Tgt Ion: 75 Resp: 955

Ion Ratio Lower Upper

75 100

77 37.3 20.9 38.9

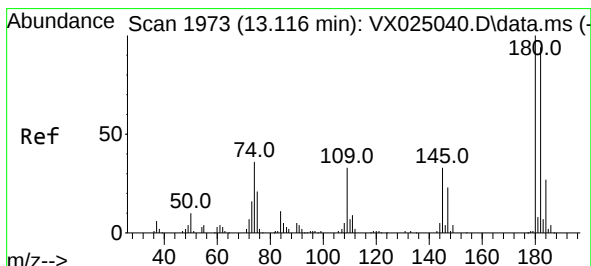
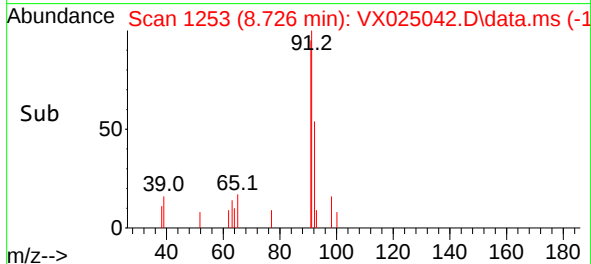
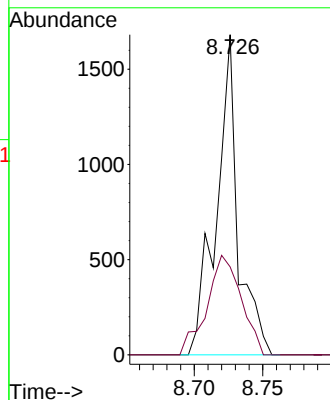
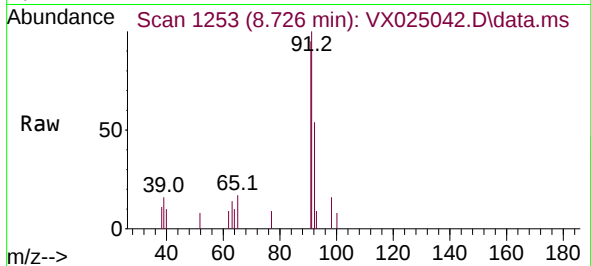




#42  
Toluene  
Concen: 0.077 ug/L  
RT: 8.726 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX025042.D  
Acq: 02 Nov 2021 11:13

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 91 Resp: 1849  
Ion Ratio Lower Upper  
91 100  
92 27.5 39.1 72.5#



#69  
1,3,5-Trichlorobenzene  
Concen: 0.048 ug/L  
RT: 13.109 min Scan# 1972  
Delta R.T. -0.006 min  
Lab File: VX025042.D  
Acq: 02 Nov 2021 11:13

Tgt Ion:180 Resp: 391  
Ion Ratio Lower Upper  
180 100  
182 62.7 74.6 111.8#  
184 0.0 24.0 36.0#  
145 11.0 28.7 43.1#

